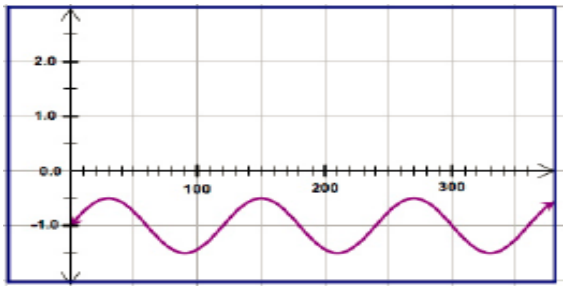
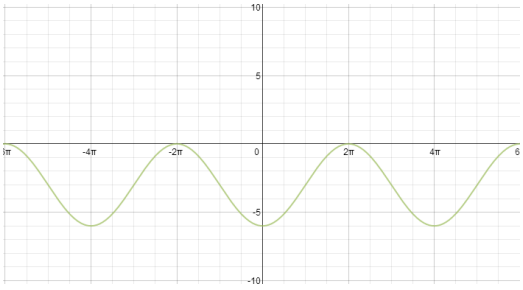
Function Transformations Jigsaw Activity

1. In your groups of four, decide who will go to each of the four parameters (a, k, d & c)
2. When the teacher says so, go to your chosen ‘expert’ groups and determine how your specific parameter has affected the following graphs and functions relating to the original f(x)=sin(x) function.
3. Go back to your home group and explain to them how your parameter changed your function/graph and listen to their explanations as well.
4. In the space provided, list the parameters and how they transformed the original sin(x) function and if applicable try to sketch what the function looks like.

	
$f(x) = 2.5 \sin(0.4(x-30^0))+ 2.5$	$f(x) = 0.5 \sin(3.5(x+\pi)) - 2$